Table S1. Inclusion, non-inclusion, and exclusion criteria.

Inclusion criteria

To participate in the study, a volunteer must meet all of the following criteria:

- 1. Ability to understand the research requirements, signed informed consent form and consent to any restrictions applicable during the study.
- 2. The age of volunteers is from 18 to 49 years inclusive at the time of signing the informed consent.
 - 3. Volunteers who are completely healthy based on a medical assessment, including medical history, physical examination, and laboratory examination.
 - 4. Absence of signs of lung disease, confirmed by chest x-ray.
 - 5. Body mass index (BMI) from 18 to 30 kg / m2, inclusive.
- 6. For female volunteers: women are eligible if they are not pregnant (pregnancy test (test strip) is negative at screening and on the day 0), no lactation, and at least one of the following conditions applies: a) no reproductive potential or b) women with preserved reproductive potential who agree to follow contraceptive recommendations throughout the study.
- 7. BCG vaccination was performed, which is documented in the medical history or the presence of a scar.
 - 8. Positive result of PPD skin test: induration ≥ 5 mm and ≤ 9 mm.
 - 9. The absence of markers of the immune response to the mycobacterial proteins ESAT6 and CFP10 in the Diaskintest and QuantiFERON TB Gold ELISA tests simultaneously at screening. Immune response to that proteins characterize the probable contact with M. tuberculosis prior to the start of the study.
- 10. No fact of living or working with someone diagnosed with TB within 3 months prior to day 0 of the study.
 - 11. Absence of malignant neoplasms at the moment and within 5 years prior to inclusion in the study.
 - 12. Absence of malignant blood diseases.

Noninclusion criteria

Volunteers who have at least one of the criteria listed below should not be included in the study:

- 1. Presence of symptoms of acute disease, including temperature in the armpit > 37.5 °C, within 5 days before the start of the study and on day 0 of the study.
- 2. History or presence of tuberculosis, including extrapulmonary tuberculosis.
- 3. Negative PPD skin test (<5 mm) or hyperergic positive PPD skin test results (> 9 mm).
 - 4. Positive or questionable result in the Diaskintest and / or QuantiFERON TB Gold ELISA tests.
- History or presence of autoimmune diseases or immunosuppression, or family history of congenital or hereditary immunodeficiency.
- 6. Positive test results for HIV-1/2 antibodies, HBsAg or hepatitis C antibodies at screening.
- 7. Use of immunosuppressive or other immunomodulatory medications within 42 days prior to day 0 of the study.
- 8. Use of immunoglobulin or blood products within 180 days before day 0 of the study, or scheduled administration during the study.
- 9. Use of any investigational drug or investigational vaccine within 90 days prior to the day of screening, or planned participation in other clinical trials during the study.
 - 10. Use of antibacterial drugs within 14 days before day 0 of the study (oral administration) or within 28 days before day 0 of the study (parenteral administration).

- 11. Use of the study GamTBvac vaccine at any time prior to day 0 of the study.
- 12. Planned use/administration of the registered vaccine within 28 days before and 28 days after vaccination with the investigational vaccine.
 - 13. Planned surgical intervention (on a scheduled basis) during the study.
 - 14. History or laboratory evidence of any possible immunodeficiency condition.
 - 15. History of allergic diseases or reactions that may be aggravated by any component of the investigational vaccine.
- 16. History of diseases that could compromise the safety of the study participant, including but not limited to: impairment of lung function in any lung disease, heart or kidney failure, neurological disease, epilepsy or infant seizures, diabetes, cancer.
- 17. History or presence of any systemic disease or any chronic disease that, in the opinion of the investigator, may affect the assessment of the safety or reactogenicity or immunogenicity of the investigational vaccine.
 - 18. History of chronic alcohol or drug abuse.
- 19. History or presence of diseases or skin features that, in the opinion of the investigator, may affect the assessment of reactions at the injection site (diseases: skin malignancies, allergic and eczematous skin diseases; features: congenital or acquired benign skin lesions (nevus), scars, decorative body modifications (permanent (persistent) drawing, tattoos) applied drawings).
 - 20. Participation in any other clinical study within the past 90 days.
- 21. Blood donation (450 ml or more of blood or plasma) less than 2 months before inclusion in the study.
 - 22. History of allergic reactions to animal proteins and a tuberculin allergen.

Exclusion criteria

The investigator must inform participants that their participation in the study is entirely voluntary and that they have the right to terminate their participation in the study at any time without giving any reason. Information about voluntary participation in the study will be included in the text of the volunteer's Information Leaflet with the Informed Consent Form.

- A volunteer can withdraw consent to participate in the study at any time without giving a reason. In this case, the volunteer must immediately contact the investigator and inform about his decision to withdraw from the study.
 - Possible reasons for early termination of participation in the study include:
- 1. The investigator decided that the volunteer should be excluded in the interests of the volunteer.
 - 2. Mistaken inclusion of a volunteer in the study.
- 3. The decision of the investigator to exclude the volunteer from the study due to a significant deviation from the protocol.
- 4. Volunteers with a questionable reaction to Diaskintest administration of and/or with questionable results of the QuantiFERON TB Gold ELISA test (before the first vaccine administration).
 - 5. Adverse event which does not allow the vaccine administration.
 - 6. Prescribing therapy from the section "Prohibited concomitant treatment", or restricting the protocol procedures.
- 7. Acute diseases or conditions which, in the opinion of the investigator, require the volunteer to be excluded from the study.
 - 8. Refusal of the volunteer from further participation in the study or lack of discipline.
- 9. Failure of the volunteer to attend the visit and loss of communication with him.

Table S2. Demographic characteristics of enrolled participants who received at least one dose of the study drug and had at least one immunogenicity evaluation.

Parameter, statistics	GamTBvac (n = 134)	Placebo (n = 45)
Age (years)		
Mean (SD)	28.9 (9.0)	29.6 (8.3)
Median	25.3	26.4
Q1; Q3	21.4; 34.9	22.4; 36.1
min; max	18.0; 49.8	18.2; 47.6
p-value	0.41	11
Gender		
Male	55 (41.0%)	22 (48.9%)
Female	79 (59.0%)	23 (51.1%)
p-value (Fisher)	0.38	38
Ethnicity		
Caucasian	134 (100.0%)	45 (100.0%)
Other	0 (0.0%)	0 (0.0%)
BMI (kg/m2)		
Mean (SD)	23.5 (3.0)	23.4 (2.8)
Median	23.5	23.3
Q1; Q3	21.0; 25.4	21.1; 25.6
min; max	18.1; 29.8	18.3; 29.7
p-value	0.86	59

Table S3. Total adverse events, safety evaluation set, n = 180. X = Number of volunteers with at least one AE; % = Percentage of volunteers with at least one AE in the group; Y = Total number of events.

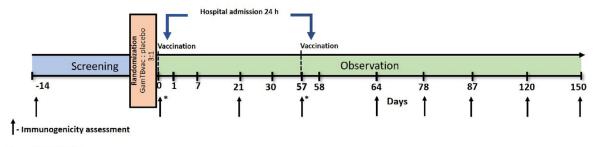
MEDDRA System Organ Class term	GamTBva (n=135)	ac	Placebo (n=45)		
MEDDRA Preferred term	X (%)	Y	X (%)	Y	
Total number of volunteers with AEs	122 (90.4%)	426	24 (53.3%)	74	
Blood and lymphatic system disorders	9 (6.7%)	17	1 (2.2%)	1	
Eosinophilia	2 (1.5%)	2	1 (2.2%)	1	
Leukocytosis	2 (1.5%)	2	0 (0.0%)	0	
Leukopenia	1 (0.7%)	1	0 (0.0%)	0	
Lymphocytosis	3 (2.2%)	3	0 (0.0%)	0	
Monocytosis	1 (0.7%)	1	0 (0.0%)	0	
Neutropenia	2 (1.5%)	2	0 (0.0%)	0	
Neutrophilia	2 (1.5%)	2	0 (0.0%)	0	
Reticulocytosis	2 (1.5%)	2	0 (0.0%)	0	
Thrombocytopenia	2 (1.5%)	2	0 (0.0%)	0	
Gastrointestinal disorders	2 (1.5%)	3	0 (0.0%)	0	
Dental caries	1 (0.7%)	1	0 (0.0%)	0	
Nausea	1 (0.7%)	2	0 (0.0%)	0	
General disorders and administration site	100 (74.1%)	215	4 (8.9%)	5	
conditions					
Asthenia	1 (0.7%)	1	0 (0.0%)	0	
Hyperthermia	1 (0.7%)	1	0 (0.0%)	0	

Injection site erythema					
Injection site induration	Injection site erythema	17 (12.6%)	20	1 (2.2%)	1
Injection site pain 29 (21.5%) 38 1 (2.2%) 1 Injection site reaction 5 (3.7%) 5 0 (0.0%) 0 Injection site swelling 7 (5.2%) 9 0 (0.0%) 0 Malaise 3 (2.2%) 3 0 (0.0%) 0 Tissue infiltration 1 (0.7%) 1 0 (0.0%) 0 Vaccination site hematoma 2 (1.5%) 2 0 (0.0%) 0 Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Infections and infestations 2 (1.5%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 Nasopharyngitis 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Asparlate aminotransferase increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 1 (0.7%) 1 1 (2.2%) 1 Bilood creatinine increased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood treatinic increased 1 (0.7%) 1 0 (0.0%) 0 Blood treatinic increased 1 (0.7%) 1 0 (0.0%) 0 Ecsinophil count increased 1 (0.7%) 1 0 (0.0%) 0 Hemaglobin decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 1 (0.	Injection site hematoma	4 (3.0%)	6	0 (0.0%)	0
Injection site reaction	Injection site induration	17 (12.6%)	1	1 (2.2%)	1
Injection site swelling 7 (5.2%) 9 0 (0.0%) 0 Malaise 3 (2.2%) 3 0 (0.0%) 0 Tissue infiltration 1 (0.7%) 1 0 (0.0%) 0 Vaccination site hematoma 2 (1.5%) 2 0 (0.0%) 0 Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Infections and infestations 2 (1.5%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 Nasopharyngitis 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (63.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 1 Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin increased 1 (0.7%) 1 1 (2.2%) 1 Bilood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood treat increased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 1 (2.2%) 1 Blood potassium increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 1 (0.7%) 1 0 (0.0%) 0 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count decreased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 1 (0.7%) 1 0 (0.0%) 0 Pitatelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Pitatelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Pitatelet count decreased 1 (0.7%) 1 0 (0.0%)	Injection site pain	29 (21.5%)	38	1 (2.2%)	1
Malaise 3 (2.2%) 3 0 (0.0%) 0 Tissue infiltration 1 (0.7%) 1 0 (0.0%) 0 Vaccination site hematoma 2 (1.5%) 2 0 (0.0%) 0 Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Herpetovirus infection 1 (0.7%) 1 0 (0.0%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning	Injection site reaction	5 (3.7%)	5	0 (0.0%)	0
Tissue infiltration 1 (0.7%) 1 (0.00%) 0 Vaccination site hematoma 2 (1.5%) 2 0 (0.0%) 0 Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Infections and infestations 2 (1.5%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 Nasopharyngitis 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Aspartate aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 1 (0.0%) 1 (0.0%) 0 Blood potassium increased 1 (0.0%) 1 (0.0%) 0 Blood potassium increased 1 (0.0%) 1 (0.0%) 0 Blood urea increased 1 (0.0%) 1 (0.0%) 0	Injection site swelling	7 (5.2%)	9	0 (0.0%)	0
Vaccination site hematoma 2 (1.5%) 2 0 (0.0%) 0 Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Infections and infestations 2 (1.5%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 Nasopharyngitis 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Injury, poisoning and procedural complication 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning and procedural complication 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning and procedural complication 3 (2.2%) 3 0 (0.0%) 0	Malaise	3 (2.2%)	3	0 (0.0%)	0
Vaccination site reaction 64 (47.4%) 108 2 (4.4%) 2 Hepatobiliary disorders 0 (0.0%) 0 1 (2.2%) 1 Hyperbilirubinaemia 0 (0.0%) 0 1 (2.2%) 1 Infections and infestations 2 (1.5%) 2 2 (4.4%) 2 Herpes virus infection 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning and procedural complication 3 (2.2%) 3 0 (0.0%) 0 Injury, poisoning and procedural complication 3 (2.2%) 3 0 (0.0%) 0 Injury 1 <th< td=""><td>Tissue infiltration</td><td>1 (0.7%)</td><td>1</td><td>0 (0.0%)</td><td>0</td></th<>	Tissue infiltration	1 (0.7%)	1	0 (0.0%)	0
Hepatobiliary disorders	Vaccination site hematoma	2 (1.5%)	2	0 (0.0%)	0
Hyperbilirubinaemia	Vaccination site reaction	64 (47.4%)	108	2 (4.4%)	2
Infections and infestations	Hepatobiliary disorders	0 (0.0%)	0	1 (2.2%)	1
Herpes virus infection	Hyperbilirubinaemia	0 (0.0%)	0	1 (2.2%)	1
Nasopharyngitis 0 (0.0%) 0 1 (2.2%) 1 Respiratory tract infection viral 1 (0.7%) 1 0 (0.0%) 0 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased	Infections and infestations	2 (1.5%)	2	2 (4.4%)	2
Respiratory tract infection viral 1 (0.7%) 1 (0.0%) 0 Rhinitis 0 (0.0%) 0 1 (2.2%) 1 Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Aspartate aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 1 (0.7%) 1 0 (0.0%) 0 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 1 (0.7%) 1 0 (0.0%)	Herpes virus infection	1 (0.7%)	1	0 (0.0%)	0
Rhinitis	Nasopharyngitis	0 (0.0%)	0	1 (2.2%)	1
Injury, poisoning and procedural complications 3 (2.2%) 3 0 (0.0%) 0 Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Aspartate aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 1 (0.7%) 1 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 2 2 2 2 2 2 2 3 3	Respiratory tract infection viral	1 (0.7%)	1	0 (0.0%)	0
Vaccination complication 3 (2.2%) 3 0 (0.0%) 0 Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Aspartate aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 4 (3.0%) 4 (8.9%) 5 Eosinophil count increased 4 (3.0%) 4 (8.9%)	Rhinitis	0 (0.0%)	0	1 (2.2%)	1
Investigations 72 (53.3%) 170 22 (48.9%) 61 Alanine aminotransferase increased 7 (5.2%) 8 1 (2.2%) 2 Aspartate aminotransferase increased 12 (8.9%) 13 3 (6.7%) 4 Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil count increased	Injury, poisoning and procedural complications	3 (2.2%)	3	0 (0.0%)	0
Alanine aminotransferase increased Aspartate aminotransferase increased Aspartate aminotransferase increased Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 1 (0.7%) 1 0 (0.0%) 0 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 1 (0.7%) 1 0 (Vaccination complication	3 (2.2%)	3	0 (0.0%)	0
Aspartate aminotransferase increased Basophil count increased Basophil count increased Bilirubin conjugated increased Bilirubin conjugated increased Bilood bilirubin increased Bilood bilirubin increased Bilood creatinine increased Bilood glucose decreased Bilood glucose decreased Bilood greatinine increased Bilood glucose decreased Bilood gluco	Investigations	72 (53.3%)	170	22 (48.9%)	61
Basophil count increased 1 (0.7%) 1 1 (2.2%) 1 Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 1 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 7 (5.2%) 7 1 (2.2%) 1 Lymphocyte count decreased	Alanine aminotransferase increased	7 (5.2%)	8	1 (2.2%)	2
Bilirubin conjugated increased 15 (11.1%) 6 7 (15.6%) 9 Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 1 (0.7%) 1 0 (0.0%) 0	Aspartate aminotransferase increased	12 (8.9%)	13	3 (6.7%)	4
Blood bilirubin increased 14 (10.4%) 4 6 (13.3%) 8 Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count decreased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 1 (0.7%) 1 0 (0.0%) 0	Basophil count increased	1 (0.7%)	1	1 (2.2%)	1
Blood creatinine increased 0 (0.0%) 0 1 (2.2%) 1 Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (Bilirubin conjugated increased	15 (11.1%)	6	7 (15.6%)	9
Blood glucose decreased 1 (0.7%) 1 0 (0.0%) 0 Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0	Blood bilirubin increased	14 (10.4%)	4	6 (13.3%)	8
Blood potassium increased 1 (0.7%) 1 0 (0.0%) 0 Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 1 0 (0.0%) 0 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil percentage decreased	Blood creatinine increased	0 (0.0%)	0	1 (2.2%)	1
Blood urea decreased 1 (0.7%) 1 1 (2.2%) 1 Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased	Blood glucose decreased	1 (0.7%)	1	0 (0.0%)	0
Blood urea increased 1 (0.7%) 1 0 (0.0%) 0 Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 1 0 (0.0%) 0 Meutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil percentage decreased 1 (0.7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased	Blood potassium increased	1 (0.7%)	1	0 (0.0%)	0
Body temperature increased 4 (3.0%) 4 1 (2.2%) 2 C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Blood urea decreased	1 (0.7%)	1	1 (2.2%)	1
C-reactive protein increased 33 (24.4%) 44 7 (15.6%) 12 Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Blood urea increased	1 (0.7%)	1	0 (0.0%)	0
Eosinophil count increased 4 (3.0%) 4 4 (8.9%) 5 Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Body temperature increased	4 (3.0%)	4	1 (2.2%)	2
Eosinophil percentage increased 0 (0.0%) 0 1 (2.2%) 1 Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	C-reactive protein increased	33 (24.4%)	44	7 (15.6%)	12
Hematocrit decreased 1 (0.7%) 1 0 (0.0%) 0 Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Eosinophil count increased	4 (3.0%)	4	4 (8.9%)	5
Hemoglobin decreased 7 (5.2%) 7 1 (2.2%) 2 Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Eosinophil percentage increased	0 (0.0%)	0	1 (2.2%)	1
Lymphocyte count decreased 4 (3.0%) 4 2 (4.4%) 2 Lymphocyte percentage decreased 1 (0.7%) 1 0 (0.0%) 0 Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Hematocrit decreased	1 (0.7%)	1	0 (0.0%)	0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Hemoglobin decreased	7 (5.2%)	7	1 (2.2%)	2
Monocyte count increased 1 (0.7%) 2 1 (2.2%) 1 Neutrophil count decreased 2 (1.5%) 3 0 (0.0%) 0 Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Lymphocyte count decreased	4 (3.0%)	4	2 (4.4%)	2
Neutrophil count decreased $2 (1.5\%)$ 3 $0 (0.0\%)$ 0 Neutrophil count increased $10 (7.4\%)$ 11 $3 (6.7\%)$ 4 Neutrophil percentage decreased $1 (0.7\%)$ 1 $0 (0.0\%)$ 0 pH urine increased $1 (0.7\%)$ 1 $0 (0.0\%)$ 0 Platelet count decreased $1 (0.7\%)$ 1 $0 (0.0\%)$ 0 Protein total increased $0 (0.0\%)$ 0 0 0 0	Lymphocyte percentage decreased	1 (0.7%)	1	0 (0.0%)	0
Neutrophil count increased 10 (7.4%) 11 3 (6.7%) 4 Neutrophil percentage decreased 1 (0.7%) 1 0 (0.0%) 0 pH urine increased 1 (0.7%) 1 0 (0.0%) 0 Platelet count decreased 1 (0.7%) 1 0 (0.0%) 0 Protein total increased 0 (0.0%) 0 2 (4.4%) 2	Monocyte count increased	1 (0.7%)	2	1 (2.2%)	1
Neutrophil percentage decreased $1 (0.7\%)$ $1 (0.0\%)$ $0 (0.0\%)$ $0 (0.0\%)$ pH urine increased $1 (0.7\%)$ $1 (0.0\%)$ $0 (0.0\%)$ $0 (0.0\%)$ Platelet count decreased $1 (0.7\%)$ $1 (0.0\%)$ $0 (0.0\%)$ $0 (0.0\%)$ $0 (0.0\%)$ Protein total increased $0 (0.0\%)$ $0 $	Neutrophil count decreased	2 (1.5%)	3	0 (0.0%)	0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Neutrophil count increased	10 (7.4%)	11	3 (6.7%)	4
Platelet count decreased $1 (0.7\%)$ $1 0 (0.0\%)$ 0 Protein total increased $0 (0.0\%)$ $0 2 (4.4\%)$ 2	Neutrophil percentage decreased	1 (0.7%)	1	0 (0.0%)	0
Protein total increased $0 (0.0\%)$ 0 $2 (4.4\%)$ 2	pH urine increased	1 (0.7%)	1	0 (0.0%)	0
	Platelet count decreased	1 (0.7%)	1	0 (0.0%)	0
	Protein total increased	0 (0.0%)	0	2 (4.4%)	2
Red blood cell count decreased $1 (0.7\%)$ $1 0 (0.0\%)$ 0	Red blood cell count decreased	1 (0.7%)	1	0 (0.0%)	0

1 (0.7%)	1	1 (2.2%)	1
1 (0.7%)	1	0 (0.0%)	0
6 (4.4%)	7	2 (4.4%)	2
0 (0.0%)	0	1 (2.2%)	1
3 (2.2%)	3	0 (0.0%)	0
3 (2.2%)	3	0 (0.0%)	0
4 (3.0%)	6	2 (4.4%)	2
3 (2.2%)	3	2 (4.4%)	2
3 (2.2%)	3	0 (0.0%)	0
3 (2.2%)	3	0 (0.0%)	0
3 (2.2%)	3	0 (0.0%)	0
3 (2.2%)	3	2 (4.4%)	2
1 (0.7%)	1	0 (0.0%)	0
2 (1.5%)	2	2 (4.4%)	2
1 (0.7%)	1	0 (0.0%)	0
1 (0.7%)	1	0 (0.0%)	0
	1 (0.7%) 6 (4.4%) 0 (0.0%) 3 (2.2%) 3 (2.2%) 4 (3.0%) 3 (2.2%) 3 (2.2%) 3 (2.2%) 3 (2.2%) 1 (0.7%) 2 (1.5%) 1 (0.7%)	1 (0.7%) 1 6 (4.4%) 7 0 (0.0%) 0 3 (2.2%) 3 4 (3.0%) 6 3 (2.2%) 3 3 (2.2%) 3 3 (2.2%) 3 3 (2.2%) 3 3 (2.2%) 3 3 (2.2%) 3 1 (0.7%) 1 2 (1.5%) 2 1 (0.7%) 1	1 (0.7%) 1 0 (0.0%) 6 (4.4%) 7 2 (4.4%) 0 (0.0%) 0 1 (2.2%) 3 (2.2%) 3 0 (0.0%) 3 (2.2%) 3 0 (0.0%) 4 (3.0%) 6 2 (4.4%) 3 (2.2%) 3 2 (4.4%) 3 (2.2%) 3 0 (0.0%) 3 (2.2%) 3 0 (0.0%) 3 (2.2%) 3 0 (0.0%) 3 (2.2%) 3 2 (4.4%) 1 (0.7%) 1 0 (0.0%) 2 (1.5%) 2 2 (4.4%) 1 (0.7%) 1 0 (0.0%)

Table S4. Percentages of volunteers with positive specific IgG responses to immunization with GamTBvac. Results were counted as positive if the value was higher than baseline (day 0 mean + 2SD).

Antigen	units	days post-vaccination						
		21	57	64	78	87	120	150
Ag85a		9	12	21	50	45	33	26
DBD		19	15	43	81	81	76	64
fusion DBD-Ag85a	%	24	18	55	94	93	85	74
ESAT6		1	2	10	21	18	9	5
CFP10		23	14	53	97	97	97	95
DBD		19	15	43	81	81	76	64
fusion DBD-ESAT6-CFP10		34	26	76	98	98	98	97



* - postvaccination

Figure S1. Study design and procedures.

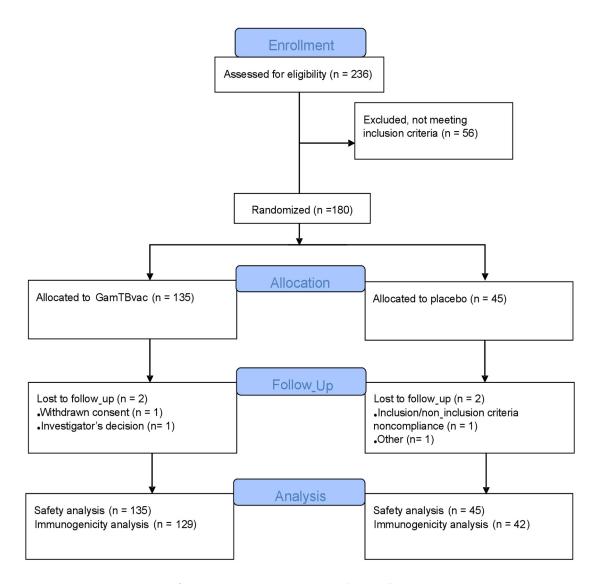
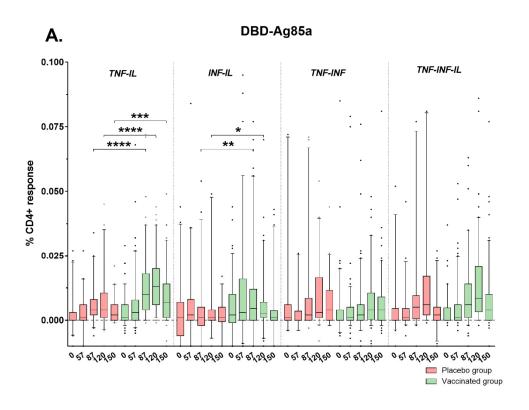


Figure S2. CONSORT diagram of study flow.



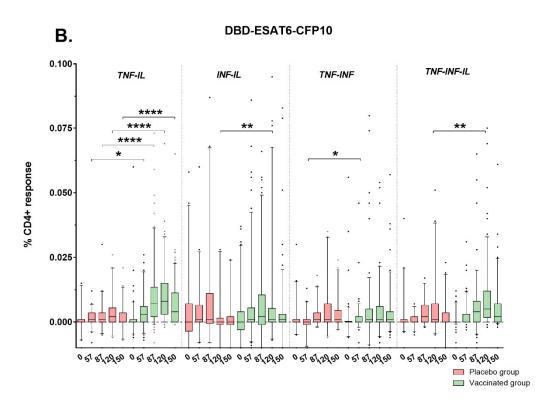


Figure S3. CD4⁺ T-cell responses after stimulation with both fusions of the GamTBvac vaccine in volunteers and the placebo group at various study days 0, 57, 87, 120, and 150. A. Stimulation of samples with DBD-Ag85a; B. Stimulation of samples with DBD-ESAT6-CFP10. Medians and interquartile ranges are shown. *p < 0.05, **p < 0.01, **** p < 0.001. **** p < 0.0001.